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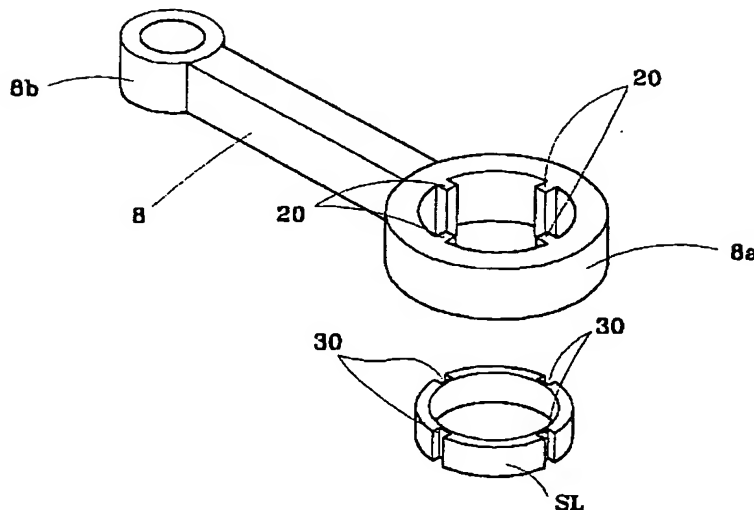
STRUCTURE FOR ASSEMBLING CONNECTING ROD OF HERMETIC COMPRESSOR

Representative drawing

(57) Abstract:

PURPOSE: Assembling structure of a connecting rod for a hermetic compressor is provided to connect a connecting rod with a crankshaft easily with precision.

CONSTITUTION: A crankshaft connecting portion(8a) and a piston connecting shaft(8b) are formed at both sides of a connecting rod(8) to change rotation of a crankshaft into rectilinear reciprocation of a piston. The crankshaft connecting portion has a larger diameter than one of the piston connecting portion. An eccentric pin of the crankshaft is inserted into the crankshaft connecting portion to couple the crankshaft with the connecting rod. Plural guide protrusions (20) are formed in the



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crankshaft connecting portion. The piston connecting portion is a part for

connection between the piston and the connecting rod. A sleeve(SL) is positioned between the crankshaft connecting portion and the eccentric pin. Guide grooves (30) are formed vertically outside the sleeve, corresponding to the guide protrusions. The sleeve is loose-fitting to the crankshaft connecting portion but operated integrally by the guide protrusion and the guide groove.

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